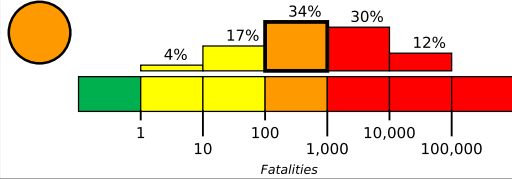


M 5.3, 5 km SSE of Anse--Veau, Haiti

Origin Time: 2022-01-24 13:16:23 UTC (Mon 08:16:23 local)
Location: 18.4544° N 73.3230° W Depth: 10.0 km

Created: 1 week, 0 days after earthquake

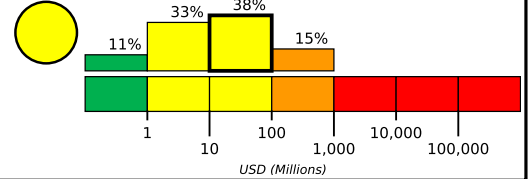
Estimated Fatalities



Orange alert for shaking-related fatalities. Significant casualties are likely and the disaster is potentially widespread. Past events with this alert level have required a regional or national level response.

Yellow alert for economic losses. Some damage is possible. Estimated economic losses are less than 1% of GDP of Haiti.

Estimated Economic Losses

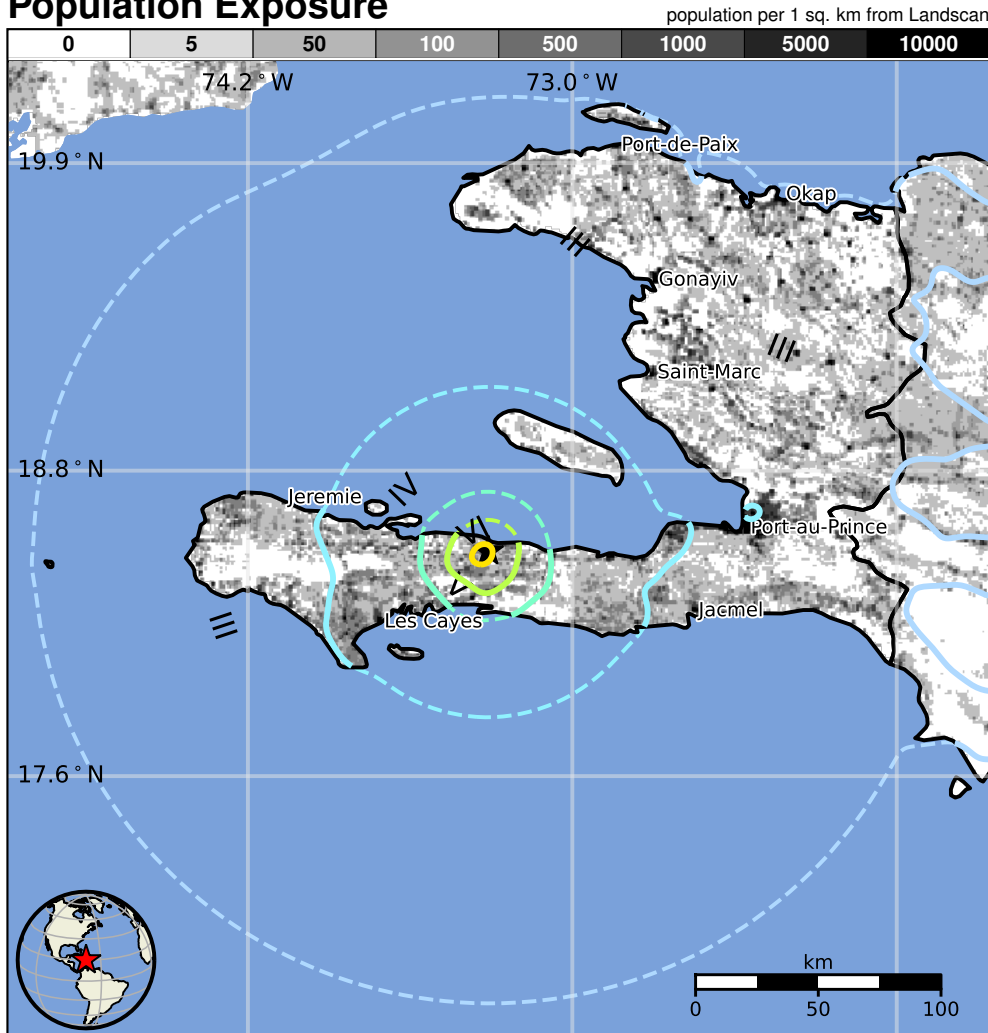


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	8,504k	3,107k	187k	120k	79k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are extremely vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1988-05-09	336	4.5	VI(10k)	0
2003-09-22	312	6.4	IX(132k)	1
1994-03-02	173	5.4	VII(47k)	4

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VII	Anse-a-Veau	2k
VI	Petite Riviere de Nippes	2k
V	Aquin	5k
V	Petit Trou de Nippes	2k
IV	Miragoane	89k
IV	Fond des Blancs	3k
IV	Les Cayes	126k
IV	Port-au-Prince	1,235k
IV	Jacmel	138k
III	Port-de-Paix	250k
III	Okap	135k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000gek3#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000gek3